

fungus *Wallrothiella arceuthobii* Ros., "a disease which flourishes best in damp shaded places."<sup>3</sup> The present importance of this rests in the fact that *A. pusillum* is a closely related species of the same genus and may be expected to exhibit analogous peculiarities and susceptibilities. Hence, it is all the more probable that the curious distribution of *A. pusillum* in New England points to a problem worthy of the attention of a specialist.

BOSTON, MASSACHUSETTS.

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DWARF MISTLETOE AND OTHER PLANTS NEW TO NEW JERSEY.—From 1919 to 1923 the writer had the great good fortune to accompany Mr. Kenneth K. Mackenzie in a long series of summer weekend collecting trips to various parts of New Jersey, and Mr. Mackenzie frequently urged me to record the more unusual and novel finds. We paid particular attention to the higher hills in the northwestern corner of the state in a search for Canadian Zone plants. On June 19, 1920 we explored Pine Swamp, just west of Lake Mashipacong, on the summit of the Kittatinny Ridge in Sussex County, at an altitude of 1200 ft. It proved to be an ideal locality, as there was a quaking sphagnum bog surrounded by black spruce in the heart of the southern end of the swamp. Here were such rarities (for New Jersey) as *Kalmia polifolia* Wang. and *Carex rostrata* Stokes. In the open sphagnum were clumps of *Eriophorum spissum* Fernald (*callithrix* of Gray's Manual), new to the State. The most spectacular event, however, was the discovery of *Arceuthobium pusillum* Peck in some abundance on a considerable number of spruce trees a few minutes after our telling each other that the plant should occur here, if indeed it was ever to be found in the State. The range of the species is here extended south from northwestern Connecticut.

On July 10 the locality was revisited, and we discovered another sphagnum bog in the heart of the north end of the swamp. This bog was a younger one, and contained a small pond in the middle, the border of which was almost unreachable. However, by lying down full length, I was just able to grasp some small clumps of green, equitant leaves, seen from some distance off, which proved to be *Xyris montana* Ries, new to New Jersey. This bog also contained some more *Eriophorum spissum* and a little more Dwarf Mistletoe. Pine Swamp outranks even Budd's Lake as the best of the very few sphagnum bogs in the State.—Ludlow Griscom, Cambridge, Mass.

<sup>3</sup> Ibid. 98